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## UNITED STATES DEPARTMENT OF AGRICULTURE

## SERVICE AND REGULATORY ANNOUNCEMENTS

## BUREAU OF ANIMAL INDUSTRY

DECEMBER 1939

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the Bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 25 cents a year (foreign, 60 cents). A supply will be sent to each official in charge of a station or branch of the Bureau Service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

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## CHANGES IN DIRECTORY

## Meat Inspection Granted

- ‡171. E. F. Drake, Sunbeam, Va.  
 383. Sanitary Grocery Co., Inc., 1431 Okie Street NE., Washington, D. C.  
 ‡504. Holland Supply Corporation, Holland, Va.  
 ‡833. Manry Bros., Courtland, Va.

## Meat Inspection Withdrawn

1017. G. Pasquinelli & Son, 2633-2635 Penn Avenue, Pittsburgh, Pa.

## Cancellation of Order Granting Inspection

Inasmuch as operations requiring inspection have not been undertaken at establishment 247, Greenwald, Inc., 1101-41 South Brunswick Street, Union Stock Yards, Baltimore, Md., the order granting inspection to that concern has been canceled.

## New Substations

- Holland, Va., meat inspection, under Dr. A. J. Wahn, Richmond, Va.  
 Sunbeam, Va., meat inspection, under Dr. A. J. Wahn, Richmond, Va.

## NOTICES REGARDING MEAT INSPECTION

## ANIMAL CASINGS OF FOREIGN ORIGIN

Certificates required by B. A. I. Order 305 and instructions issued thereunder, which bear the official title of the high official of the foreign country as specified below, will be acceptable with animal casings offered for importation into the United States.

The certificates must also bear the signature of the high official of the national government having jurisdiction over the health of animals in the foreign country in which the casings originate, but owing to the fact that the high officials are changed from time to time it is impracticable to publish their names.

Official title

Foreign country

Director of Agriculture and Fisheries..... Palestine

The notice in Service and Regulatory Announcements of June 1928 is hereby revoked so far as Palestine is concerned.

#### LIVER-FLUKE SURVEY CONCLUDED

The instructions in Service and Regulatory Announcements for January 1934, page 2, under the caption "Reports on Liver Flukes Desired," may now be disregarded as the survey undertaken at that time has been concluded.

#### OVERTIME PAY ROLLS AND TIME REPORTS

Each inspector in charge of a meat-inspection station at which any claim is made for reimbursement on account of overtime inspection under the provisions of Memorandum No. 288 of the Secretary of Agriculture, whether authorized by letter or telegram or under the instructions pertaining to certain specified holidays in Service and Regulatory Announcements for August 1938, pages 98 and 99, will submit an overtime pay roll at the close of each month during which the overtime work on which the claim has been based was performed. There shall appear upon the Form O. T. 2 (duplicate), at the left and below the names of the employees listed thereon, a reference to the authority under which the overtime inspection was furnished, such reference being in substance as follows:

Authority: Letter Y-5.135 (or telegram) to (addressee), (date), or

Authority: S. & R. A. August 1938, pages 98 and 99.

From each station at which overtime compensation is claimed there shall also be submitted monthly, as a meat-inspection report, a supplementary M. I. Form 101-A (revised), which shall be plainly marked, "Overtime," at the top of the form, and otherwise appropriately modified as may be necessary. The name of each employee for whom overtime is being claimed shall appear on this report, using two or more lines for each employee, indicating upon the first line the name and title, hour of starting and finishing work on each date on which overtime is claimed, lunch period or periods, all departments in which services were performed during the entire period, and the number of the meat-inspection establishment; and, on the next lower line or lines, the hours of starting and completing the overtime services for which claim is being made, including the department or departments in which the overtime work was performed. This special time report should not be forwarded with the overtime pay roll.

From each station at which overtime (other than that on the holidays previously mentioned) has been authorized and remains in effect, the special time report indicated in the preceding paragraph shall also be submitted for each month during which no claim for overtime compensation is being made, a notation to this effect appearing on the form. If the conditions are then such that the authority may be revoked, the inspector in charge should also so report by letter. Circular Letter No. 2210 is hereby rescinded.

#### PERMITTED COLORING MATTER FOR MEAT AND MEAT FOOD PRODUCTS

##### B. A. I. ADMINISTRATIVE NOTICE 2. ISSUED DECEMBER 28, 1939

Effective on and after February 1, 1940

Sec. 18.10<sup>1</sup> *Coloring matters permitted in meat and meat food products; methods of application.* (a) The following dyes may be used in official establishments for mixing with prepared fats or application to sausage casings, subject to sampling for laboratory examination and approval at the discretion of the inspector in charge:

(1) The natural coloring matters alkanet, annatto, carotene, and cochineal.

(2) Coal-tar dyes as follows, subject also to certification by the manufacturer and the furnishing of authoritative evidence to the inspector in charge that the dyes have been certified by the United States Department of Agriculture under the Federal Food, Drug, and Cosmetic Act, approved June 25, 1938, for use in connection with foods:

Name	Former Name
FD&C Blue No. 1.	Brilliant Blue FCF.
FD&C Blue No. 2.	Indigotine.
FD&C Green No. 1.	Guinea Green B.
FD&C Green No. 2.	Light Green SF Yellowish.
FD&C Green No. 3.	Fast Green FCF.
FD&C Orange No. 1.	Orange 1.
FD&C Orange No. 2.	Orange SS.
FD&C Red No. 1.	Ponceau 3R.

<sup>1</sup> The numbering of the sections of B. A. I. Administrative Notices conforms to the numbering of title 9, chapter I, of The Code of Federal Regulations.



<i>Name</i>	<i>Former Name</i>
FD&C Red No. 2.	Amaranth.
FD&C Red No. 3.	Erythrosine.
FD&C Red No. 4.	Ponceau SX.
FD&C Red No. 32.	
FD&C Yellow No. 1.	Naphthol Yellow S.
FD&C Yellow No. 2.	Naphthol Yellow S-Potassium salt.
FD&C Yellow No. 3.	Yellow AB.
FD&C Yellow No. 4.	Yellow OB.
FD&C Yellow No. 5.	Tartrazine.
FD&C Yellow No. 6.	Sunset Yellow FCF.

(3) Mixture of two or more dyes mentioned in paragraphs (1) and (2), or a mixture of one or more of the dyes with harmless inert materials, such as common salt or sugar.

(b) Provided the dyes do not penetrate into the product, sausage and other meat food product in animal or hydrocellulose casings may be colored artificially by dipping, spraying, or cooking the product in a solution of approved dye.

When penetration of the dye is observed, all dyed portions of the overtreated product shall be removed and condemned, after which the uncolored portions, if otherwise acceptable, may be reworked. No greater tolerance for penetration shall be allowed for product in hydrocellulose casings than for product in animal casings. The presence of a visible ring of dyed product appearing when links or pieces of the colored product are cut or broken is evidence of penetration.

This notice, which is based on B. A. I. Order 211 (revised), regulation 18, section 6, paragraph 3,<sup>2</sup> as amended by amendment 7, dated July 25, 1933, shall be effective on February 1, 1940. It supersedes the following notices in Service and Regulatory Announcements:

"Permitted Coloring Substances," June 1919, page 61.

"Addition to List of Permitted Colors," October 1922, page 114.

"Coloring Sausage Casings by Cooking in Lieu of Dipping," January 1923, page 2.<sup>3</sup>

"Addition to List of Permitted Dyes," April 1927, page 27.

"Addition to List of Permitted Dyes," March 1929, page 26.

"Addition to List of Permitted Dyes," August 1929, page 71.

It also supersedes Circular Letter 1493, dated September 22, 1927.

All dyes on hand which meet previous requirements may continue to be used until exhausted but not beyond April 30, 1940.

J. R. MOHLER,  
Chief of Bureau.

### ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, NOVEMBER 1939<sup>1</sup>

Station	Cattle	Calves	Sheep and lambs	Goats	Swine
Chicago <sup>2</sup>	108,636	23,586	194,029	-----	507,453
Denver	11,985	2,080	24,582	-----	26,428
Kansas City	56,711	25,715	82,437	-----	203,144
New York <sup>3</sup>	37,510	50,921	256,754	-----	216,685
Omaha	59,590	4,922	84,340	-----	194,651
St. Louis <sup>4</sup>	53,024	39,926	62,193	-----	263,599
Sioux City	24,739	1,454	62,231	-----	145,282
South St. Paul <sup>5</sup>	54,896	49,717	101,633	-----	324,240
All other stations	430,220	251,585	600,597	594	2,553,317
Total:					
November 1939	837,311	449,906	1,463,801	594	4,436,799
November 1938	858,187	457,299	1,452,966	340	3,913,289
11 months ended—					
November 1939	8,672,895	4,882,927	15,852,332	2,706	36,131,404
November 1938	9,018,470	5,074,392	16,712,714	5,612	31,840,331

<sup>1</sup> Horses slaughtered:

November 1939 4,409 |

November 1938 3,158 |

11 months ended—  |

November 1939 23,737 |

November 1938 21,245 |

<sup>2</sup> Includes Elburn, Ill.

<sup>3</sup> Includes Jersey City and Newark, N. J.

<sup>4</sup> Includes National Stock Yards and East St. Louis, Ill.

<sup>5</sup> Includes Newport and St. Paul, Minn.

<sup>2</sup> 9 CFR 18.6 (c).

<sup>3</sup> Now designated as 9 CFR 18.10.

### MEAT AND MEAT FOOD PRODUCTS PREPARED AND PROCESSED UNDER FEDERAL MEAT INSPECTION, NOVEMBER 1939

Product	Quantity	Product	Quantity
Meat placed in cure:	<i>Pounds</i>	Canned meat and meat food products:	<i>Pounds</i>
Beef.....	10,424,856	Beef.....	6,950,087
Pork.....	239,104,725	Pork.....	17,312,551
Smoked and/or dried:		Sausage.....	2,935,658
Beef.....	4,108,687	Soup.....	24,210,314
Pork.....	122,516,172	All other.....	10,771,978
Sausage:		Bacon, sliced.....	22,903,197
Fresh, finished.....	13,461,809	Lard:	
Smoked and/or cooked.....	45,071,623	Rendered.....	128,418,866
To be dried or semidried.....	8,621,836	Refined.....	79,755,455
Loaf, headcheese, chili con carne, jellied products, etc.....	10,182,769	Oleo stock.....	10,241,722
Cooked meat:		Edible tallow.....	8,403,760
Beef.....	648,113	Compound containing animal fat.....	14,613,389
Pork.....	15,062,780	Oleomargarine containing animal fat.....	3,129,962
		Miscellaneous.....	1,201,867
		Total.....	<sup>1</sup> 500,052,176

<sup>1</sup> This figure represents "inspection pounds" as some of the products may have been inspected and recorded more than once due to having been subjected to more than one distinct processing treatment, such as curing first and then canning.

### MEAT AND MEAT FOOD PRODUCTS CERTIFIED FOR EXPORT, NOVEMBER 1939

Product	Quantity during—		Product	Quantity during—	
	November 1939	November 1938		November 1939	November 1938
Beef and veal:	<i>Pounds</i>	<i>Pounds</i>	Pork—Con.	<i>Pounds</i>	<i>Pounds</i>
Fresh.....	90,605	150,389	Canned.....	678,314	647,810
Cured.....	557,011	663,896	Edible organs—		
Smoked.....	36	408	Fresh.....	352,997	881,477
Canned.....	369,428	319,409	Cured.....	42,032	12,000
Edible organs—			Miscellaneous.....	5,125	20,698
Fresh.....	526,938	708,703	Sausage.....	208,919	167,636
Cured.....	91	7,009	Lard.....	23,637,276	14,707,261
Miscellaneous.....	12,776	90,579	Compound (lard substitute).....	28,179	24,458
Lamb and mutton:			Oleo stock.....	523,023	132,402
Fresh.....	6,489	5,856	Oleo oil.....	465,878	280,164
Canned.....	2,202	1,289	Oleostearin.....		4,056
Edible organs—			Oleomargarine.....	4,586	2,144
Fresh.....	52,491	224,018	Edible tallow.....	6,859	
Miscellaneous.....		41	Total.....	35,926,761	28,804,580
Pork:			Horse meat.....	159,195	360,550
Fresh.....	2,179,893	1,914,762			
Cured.....	5,615,724	7,344,092			
Smoked.....	559,889	494,023			



# **FOOD ANIMALS AND MEAT AND MEAT FOOD PRODUCTS INSPECTED WHEN OFFERED FOR IMPORTATION, NOVEMBER 1939**

## *Food animals passed for entry*

Country of origin	Cattle	Swine	Sheep	Goats
Mexico.....	39,840		7	52
Canada.....	17,945	11	559	1
Virgin Islands (to Puerto Rico).....	152	5		
Total:				
November 1939.....	57,937	16	566	53
November 1938.....	59,588	16	684	16
11 months ended—				
November 1939.....	734,334	234	7,699	127
November 1938.....	397,068	419	7,170	51

Refused entry: 2,631 cattle, 153 mules. Inspected for movement in bond and reentry into Mexico: 1,407 cattle. These figures are not included in the table above.

## *Meat and meat food products passed for entry*

Country of origin	Chilled and frozen fresh meat			Cured meat	Canned meat	Sausage (not canned)	Other products	Total
	Beef and veal	Mutton and lamb	Pork					
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
Argentina.....				23,045	1,856,747	551	21,800	1,902,143
Australia.....	45,772				192		9,989	55,953
Brazil.....				92,791	3,133,817		224,000	3,450,608
Canada.....	2,577		252,977	40,216	6,895	10,747	278,056	591,468
Cuba.....	139,098							139,098
Denmark.....				3,091	46,678	1,543	1,016	52,328
Estonia.....					83,938			83,938
Great Britain.....					41		37,395	37,436
Hungary.....				882	357,429	2,756		361,067
Ireland.....		1,304						1,304
Italy.....				1,716		19,770		21,486
Japan.....					86			86
Lithuania.....					111,374			111,374
Netherlands.....				5,233	67,526			72,759
New Zealand.....	4,891						9,499	14,390
Norway.....					4,515			4,515
Paraguay.....					1,169,224		2,756	1,171,980
Switzerland.....							30,016	30,016
Uruguay.....				134,407	725,584			859,991
Yugoslavia.....				45,761				45,761
Total.....	192,338	1,304	252,977	347,142	7,564,046	35,367	614,527	9,007,701

Condemned: Canned beef, 240 pounds; sausage, 552 pounds; total, 792 pounds. Refused entry: Canned beef, 28,811 pounds; cured beef, 38,893 pounds; miscellaneous, 23 pounds; total, 67,727 pounds.

# SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, NOVEMBER 1939

State or Territory	Tuberculin tests during month		Total to date <sup>1</sup>			Inspector in charge	State official
	Cattle tested	Cattle reacted	Once tested-free herds	Accredited herds	Herds under supervision		
Alabama.....	2,272	6	270,875	399	271,274	R. E. Jackson.....	I. S. McAdory, Auburn.
Arizona.....	11,302	6	12,236	8	12,593	F. L. Schneider.....	T. B. Jones, Phoenix.
Arkansas.....	4,597	0	231,400	5	231,405	A. W. Rice.....	C. D. Stubbs, Little Rock.
California.....	138,164	1,808	74,297	23	74,670	W. E. Howe.....	C. U. Duckworth, Sacramento.
Colorado.....	3,658	17	60,611	30	60,846	A. H. Francis.....	R. M. Gow, Denver.
Connecticut.....	21,060	80	451	17,121	18,496	R. L. Smith.....	R. L. Harding, Hartford.
Delaware.....	2,639	9	5,569	2,627	8,123	O. L. Lockwood.....	Harry McDaniel, Jr., Dover.
District of Columbia.....	0	0	15	2	17	A. E. Wight.....	
Florida.....	6,615	8	40,342	73	67,656	T. H. Applewhite.....	J. V. Knapp, Tallahassee.
Georgia.....	53	0	242,153	38	242,353	W. C. Dendinger.....	J. M. Sutton, Atlanta.
Idaho.....	4,495	5	21,064	28	51,270	A. K. Kuttler.....	E. T. Powell, Boise.
Illinois.....	80,702	278	232,395	666	242,621	J. J. Lintner.....	J. P. Stout, Springfield.
Indiana.....	23,976	38	146,074	1,870	147,750	W. A. Sullivan.....	J. L. Axby, Indianapolis.
Iowa.....	159,172	1,163	169,000	736	196,600	J. A. Barger.....	H. A. Seidell, Des Moines.
Kansas.....	8,500	36	172,338	259	171,032	N. L. Townsend.....	W. J. Miller, Topeka.
Kentucky.....	2,644	7	163,647	24	163,867	Ralph Graham.....	D. E. Westmorland, Frankfort.
Louisiana.....	2,487	4	148,784	.....	148,804	W. A. McDonald.....	E. P. Flower, Baton Rouge.
Maine.....	4,422	3	43,302	295	43,817	A. L. Hirleman.....	H. M. Tucker, Augusta.
Maryland.....	16,418	62	25,820	13,915	40,500	O. L. Lockwood.....	Mark Welsh, Baltimore.
Massachusetts.....	21,656	147	13,929	11,271	25,702	E. A. Crossman.....	Mark Galusha, Boston.
Michigan.....	38,515	149	206,754	65	207,087	C. H. Hays.....	C. H. Clark, Lansing.
Minnesota.....	81,453	264	197,732	608	198,698	W. J. Fretz.....	C. E. Cotton, St. Paul.
Mississippi.....	5,650	18	260,164	4	260,242	H. Robbins.....	E. S. Brashier, Jackson.
Missouri.....	6,506	5	237,706	77	239,589	W. F. Biles.....	H. E. Curry, Jefferson City.
Montana.....	2,441	1	72,999	26	73,033	G. W. Cronen.....	W. J. Butler, Helena.
Nebraska.....	60,517	102	134,887	32	135,227	J. W. Murdoch.....	J. S. Anderson, Lincoln.
Nevada.....	156	1	3,417	2	3,441	R. A. Given.....	Edward Records, Reno.
N. Hampshire.....	12,045	7	151	17,842	18,031	E. A. Crossman.....	R. W. Smith, Concord.
New Jersey.....	24,448	99	1,749	15,743	17,667	J. R. Porteus.....	R. A. Hendershott, Trenton.
New Mexico.....	1,950	3	22,104	17	25,450	F. L. Schneider.....	Sam McCue, Albuquerque.
New York.....	175,498	1,123	5,305	139,086	145,523	H. B. Leonard.....	E. T. Faulder, Albany.
N. Carolina.....	3,270	0	256,170	463	256,633	A. A. Husman.....	William Moore, Raleigh.
North Dakota.....	21,364	49	70,569	240	70,913	F. C. Driver.....	T. O. Brandenburg, Bismarck.
Ohio.....	44,601	79	249,075	481	249,808	A. J. DeFosset.....	F. L. Carr, Columbus.
Oklahoma.....	2,965	6	276,338	25	276,363	L. J. Allen.....	D. H. Ricks, Oklahoma City.
Oregon.....	12,206	58	159,623	1,894	168,116	S. B. Foster.....	W. H. Lytle, Salem.
Pennsylvania.....	35,635	141	141,491	7,516	167,776	J. B. Reidy.....	C. P. Bishop, Harrisburg.
Rhode Island.....	2,620	9	2,203	1,299	3,961	E. A. Crossman.....	G. W. Breed, Providence.
S. Carolina.....	1,822	0	72,564	60	72,626	W. K. Lewis.....	W. K. Lewis, Columbia.
South Dakota.....	41,805	82	73,207	3	73,365	C. H. Fauks.....	R. S. Robinson, Pierre.
Tennessee.....	2,195	5	294,798	22	294,847	H. L. Fry.....	A. C. Topmiller, Nashville.
Texas.....	22,564	2	252,815	72	492,281	H. L. Darby.....	T. O. Booth, Fort Worth.
Utah.....	2,953	9	87,084	128	87,439	H. H. Cohenour.....	W. H. Hendricks, Salt Lake City.
Vermont.....	32,388	191	5,910	19,117	25,172	J. J. Staab.....	E. H. Jones, Montpelier.
Virginia.....	9,385	58	198,414	609	199,291	H. S. Miller.....	H. C. Givens, Richmond.
Washington.....	23,928	21	73,324	70	76,475	J. C. Exline.....	M. R. Hales, Olympia.
West Virginia.....	3,415	0	114,092	582	114,694	H. M. Newton.....	J. B. McLaughlin, Charleston.
Wisconsin.....	52,461	76	179,613	8,107	188,010	J. S. Healy.....	V. S. Larson, Madison.
Wyoming.....	1,728	2	3,521	3	4,122	F. H. Melvin.....	H. D. Port, Cheyenne.
Hawaii.....	2,209	11	1,650	.....	1,650	Lewis Bilikam.....	E. H. Willers, Honolulu.
Puerto Rico.....	11,663	8	19,000	250	20,000	S. H. Still.....	F. A. Lopez Dominguez, San Juan.
Virgin Islands.....	0	0	424	.....	424	S. H. Still.....	G. C. Kendall, Christiansted.
Total.....	1,255,188	6,256	5,749,155	263,333	6,387,350		

<sup>1</sup> All States are 100 percent modified accredited except California, which has 52 counties (89.7 percent) in the modified accredited area. Puerto Rico and the Virgin Islands are also in the modified accredited area.

# SUMMARY OF BANG'S DISEASE WORK IN COOPERATION WITH STATES, NOVEMBER 1939<sup>1</sup>

State or Territory	Agglutination blood tests com- pleted during month		Results of agglutination blood tests during month					Herds under super- vision	Cattle on waiting list
	Herds	Cattle	Herds con- tain- ing infection	Total cattle in herds	Re- actors	Negative			
						Herds	Cattle		
Alabama.....	2,881	26,275	118	9,274	290	2,763	17,001	45,424	50,887
Arizona.....	142	3,626	10	398	12	132	3,228	2,129	3,000
Arkansas.....	1,745	22,395	184	6,120	380	1,561	16,275	175,189	-----
California.....	-----	-----	-----	-----	-----	-----	-----	10	-----
Colorado.....	217	4,466	19	1,466	43	198	3,000	1,472	3,165
Connecticut.....	101	3,809	6	191	6	95	3,618	316	-----
Delaware.....	117	2,165	32	563	78	85	1,602	5,190	2,106
Florida.....	1,089	39,897	141	17,129	332	948	22,768	15,082	-----
Georgia.....	4,044	16,083	76	2,430	134	3,968	13,653	73,530	59,215
Idaho.....	889	10,263	97	2,784	222	792	7,479	22,757	-----
Illinois.....	509	9,061	111	2,820	343	398	6,241	12,074	-----
Indiana.....	265	4,563	18	389	35	247	4,174	6,768	441
Iowa.....	892	15,733	291	6,195	1,040	601	9,538	21,835	46,306
Kansas.....	51	2,202	11	402	39	40	1,800	2,485	575
Kentucky.....	441	4,697	44	966	82	397	3,631	38,615	-----
Louisiana.....	2,979	21,811	108	5,180	171	2,871	16,631	55,999	38,034
Maine.....	116	2,245	46	925	134	70	1,320	2,512	635
Maryland.....	1,249	11,567	150	3,619	319	1,099	7,948	18,733	24,484
Massachusetts.....	2	136	1	73	1	1	63	148	-----
Michigan.....	1,567	15,061	144	2,387	273	1,423	12,674	20,618	12,410
Minnesota.....	3,297	54,032	519	11,457	975	2,778	42,575	58,234	36,206
Mississippi.....	257	6,549	30	1,456	55	227	5,093	6,794	-----
Missouri.....	1,286	16,411	138	2,435	321	1,148	13,976	71,275	-----
Montana.....	161	3,785	17	846	66	144	2,939	9,365	86
Nebraska.....	187	2,791	41	966	136	146	1,825	4,762	1,777
Nevada.....	38	3,836	21	3,418	261	17	418	1,437	-----
New Hampshire.....	695	10,036	94	644	369	601	9,392	3,128	1,698
New Jersey.....	116	8,766	14	3,029	28	102	5,737	229	-----
New Mexico.....	169	3,533	23	745	81	146	2,788	7,216	3,000
New York.....	513	15,568	168	6,357	345	345	9,211	3,671	23,898
North Carolina.....	4,369	17,503	47	1,287	81	4,322	16,216	109,635	140,000
North Dakota.....	2,762	35,447	182	4,240	432	2,580	31,207	25,238	12,000
Ohio.....	1,895	19,398	209	3,652	476	1,686	15,746	44,459	4,715
Oklahoma.....	1,175	15,588	143	3,513	365	1,032	12,075	41,296	50,000
Oregon.....	2,272	25,034	133	4,546	342	2,139	20,488	73,929	-----
Pennsylvania.....	4,096	42,127	363	8,472	1,000	3,733	33,655	60,590	185,543
Rhode Island.....	6	233	2	131	3	4	102	122	-----
South Carolina.....	243	3,102	12	380	23	231	2,722	22,909	2,500
South Dakota.....	30	1,474	14	1,067	91	16	407	1,432	1,487
Tennessee.....	1,244	11,856	102	3,637	296	1,142	8,219	33,439	52,000
Texas.....	298	10,920	14	1,390	21	284	9,530	682	-----
Utah.....	722	6,652	82	2,114	177	640	4,538	23,257	-----
Vermont.....	137	3,926	30	955	52	107	2,971	393	994
Virginia.....	2,410	13,230	94	2,190	159	2,316	11,040	178,831	149,215
Washington.....	2,230	22,377	142	4,150	353	2,088	18,227	72,376	-----
West Virginia.....	720	8,105	20	799	34	700	7,306	43,061	-----
Wisconsin.....	2,926	65,047	556	15,309	1,683	2,370	49,788	60,010	60,580
Wyoming.....	82	1,697	21	639	120	61	1,058	2,264	-----
Puerto Rico.....	-----	-----	-----	-----	-----	-----	-----	3	-----
Total.....	53,632	645,028	4,838	153,135	12,279	48,794	491,893	1,480,923	966,957

<sup>1</sup> Officials in charge of Bang's disease work are the same as those listed in summary of tuberculosis-eradication work.



# **BIOLOGICAL PRODUCTS PREPARED UNDER LICENSES, NOVEMBER 1939**

## *Anti-hog-cholera serum*

Period	Preserved	Completed	Released	Destroyed
	<i>Cc.</i>	<i>Cc.</i>	<i>Cc.</i>	<i>Cc.</i>
November 1939.....	110, 261, 649	108, 184, 631	94, 254, 610	441, 655
November 1938.....	67, 821, 724	62, 316, 947	72, 605, 925	216, 716
11 months ended—				
November 1939.....	1, 200, 502, 731	1, 173, 195, 370	1, 106, 071, 190	5, 211, 241
November 1938.....	801, 524, 187	792, 005, 373	865, 529, 380	3, 047, 778

## *Hog-cholera virus*

Period	Produced			Destroyed	
	Simul- taneous	Hyperimmu- nizing	Inoculat- ing	Simul- taneous	Hyperim- munizing
	<i>Cc.</i>	<i>Cc.</i>	<i>Cc.</i>	<i>Cc.</i>	<i>Cc.</i>
November 1939.....	4, 223, 945	18, 612, 515	72, 717	391, 208	729, 920
November 1938.....	4, 366, 174	14, 871, 944	48, 184	121, 099	437, 798
11 months ended—					
November 1939.....	74, 451, 953	240, 718, 541	834, 803	3, 214, 153	8, 242, 939
November 1938.....	62, 406, 969	161, 257, 204	604, 843	1, 889, 022	5, 557, 435

# **INSPECTIONS AND TESTS IN THE PREPARATION OF BIOLOGICAL PRODUCTS UNDER LICENSES, NOVEMBER 1939**

Period	Animal inspections	Animal rejec- tions	Pigs in- oculated	Hogs hypered	Tests supervised	
					Serum	Virus
November 1939.....	273, 966	2, 822	20, 842	15, 343	418	144
November 1938.....	197, 090	1, 772	16, 635	11, 111	239	144
11 months ended—						
November 1939.....	3, 414, 779	37, 195	284, 484	189, 815	4, 631	2, 431
November 1938.....	2, 312, 150	24, 554	194, 503	127, 026	3, 326	2, 040

## **LICENSE ISSUED FOR BIOLOGICAL PRODUCT, NOVEMBER 1939**

License No. 52 (limited to calendar year 1940) was issued November 27, 1939, to Cutter Laboratories, Fourth and Parker Streets and Fourth Street and Calco Way, Berkeley, Calif. (mailing address, Fourth and Parker Streets), for hog-cholera vaccine, blood origin (crystal violet) and tissue origin (Boynton).

## **FRAUDULENT SALE OF ANTI-HOG-CHOLERA SERUM BRINGS FINE**

Violations of the Virus-Serum-Toxin Law governing the production and sale of serums and other biological products intended for the treatment of domestic animals, by Dr. Charles L. Rea, doing business as the Rea Serum Co., Kansas City, Mo., resulted in the United States District Court for the Western District of Missouri finding him guilty as charged.

Dr. Rea was fined \$450 and costs for shipping from Kansas City, Mo., to Alabama, Georgia, and Iowa anti-hog-cholera serum that had been diluted as much as 33 percent and that, in its final form, had not been prepared in a licensed establishment. The dilution was sufficient to make the serum a worthless product, within the meaning of the law, in that it lacked the potency and immunizing properties necessary for the safe treatment of hogs for the prevention of hog cholera.

The serum in question had been sold in bottles closed with rubber stoppers, covered with plain paper caps, and sealed with paper bands bearing the words "Sold by Rea Serum Company, Kansas City, Mo." Although the law does not require serum to be sold in sealed bottles, it prohibits the interstate shipment of any biological product that has not been prepared wholly by licensed establishments.

It was brought out that Dr. Rea was not licensed by the Secretary of Agriculture and that he had purchased serum from a licensed producer but had substituted his own paper caps and seals for the officially authorized seals and caps, after diluting the serum which he bought. The labels on the bottles called for the usual dosage, which made the diluted serum a dangerous and harmful product in the hands of users having no knowledge of its spurious character.

In the main, the producers of anti-hog-cholera serum have given the Bureau full cooperation and have aided in the detection of violations of the Virus-Serum-Toxin Law.

### B. A. I. ADMINISTRATIVE NOTICES

Hereafter instructions which are based on authority granted by the Secretary of Agriculture in B. A. I. Orders and as regards the activities of individuals or commercial concerns are regulatory in effect, will be issued as B. A. I. Administrative Notices. Notices 1 and 2 were issued during the month of December 1939 and are listed elsewhere in this issue of Service and Regulatory Announcements. Notice 2, which pertains to the use of coloring matters in connection with meat food products, is published in full herein. Subsequent notices will be listed in Service and Regulatory Announcements. Notices of broad interest or of which a printed record is desirable will be published in full in Service and Regulatory Announcements. Additional copies of any of these notices may be obtained on application to the Bureau.

### NEW PUBLICATIONS OF THE BUREAU

[The Bureau keeps no mailing list for sending publications to individual employees, but sends copies to officers in charge of stations and offices. These publications should be regarded as notification copies. So far as possible additional copies will be furnished on request.]

B. A. I. Order 372. To Prevent the Spread of Splenetic or Tick Fever in Cattle. Effective on and after December 15, 1939. Pp. 4.

Amendment 38 to Declaration 12 under B. A. I. Order 309. Declaring Names of Counties Placed in Modified Tuberculosis-Free Accredited Areas. Effective December 1, 1939. Pp. 2, mimeographed.

Amendment 3 to B. A. I. Order 370. Existence of Rinderpest or Foot-and-Mouth Disease; Importations Prohibited. Effective on and after December 28, 1939. P. 1, mimeographed.

Report of the Chief of the Bureau of Animal Industry, 1939. By J. R. Mohler, Chief. Pp. 82.

Administrative Notice 1. Cresylic disinfectant as permitted disinfectant. Effective January 2, 1940. Pp. 2.

Administrative Notice 2. Coloring matters permitted in meat and meat food products. Effective February 1, 1940. Pp. 3.

### ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY

*Chief:* JOHN R. MOHLER.

*Assistant Chief:* A. W. MILLER.

*Assistant Chief:* HARRY W. SCHOENING.

*Assistant Chief:* PAUL E. HOWE.

*Business Manager:* J. R. COHRAN.

*Assistant Business Manager:* N. A. OLMSTEAD.

*Assistant to Chief:* D. S. BURCH.

*Animal Husbandry Division:* HUGH C. MCPHEE, Chief.

*Animal Nutrition Division:* PAUL E. HOWE, Chief.

*Biochemic Division:* ROBERT M. CHAPIN, Chief.

*Division of Tick Eradication and Special Diseases:* W. M. MACKELLAR, Chief.

*Division of Virus-Serum Control:* D. I. SKIDMORE, Chief.

*Field Inspection Division:* S. O. FLADNESS, Chief.

*Interstate Inspection Division:* A. W. MILLER, Chief.

*Meat Inspection Division:* EDWARD C. JOSS, Chief.

*Pathological Division:* HARRY W. SCHOENING, Chief.

*Tuberculosis Eradication Division:* A. E. WIGHT, Chief.

*Zoological Division:* BENJAMIN SCHWARTZ, Chief.

*Animal Disease Station:* ADOLPH EICHHORN, Director.

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